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PLANTS ECONOMIZE AND PRODUCE
NEW TEXTILE AND LEATHER MACHINERY

SAVES METAL IN CUTTING BILLETS -- Pravda Vostoka, No 70, 25 Mar 50

At the Tashtekstil'mash Plant, the billet section of the forging and
 press shop saved 25 tons of metal over a period of 2½ months. Formerly, the
 shop used to cut two shields for a planing machine from a standard sheet of
 metal; now it cuts three.

URGES DOUBLE SHIFT -- Pravda Vostoka, No 72, 28 Mar 50

The Tashtekstil'mash Plant has tremendous production potentialities
 which are not being realized. During the fourth quarter, when it exceeded
 its production program, the equipment was in use only 37.7 percent of the
 calendar time. Production could be doubled if the existing machinery were
 operated on a two-shift basis. The cost of production could be cut 22-24
 percent if only the overhead expenses per unit of output were reduced.

DESIGNS SEWING MACHINE FOR PLASTIC RAINCOATS -- Moskovskaya Pravda, No 31,
26 Mar 50

The Leningrad division of the Sevzappromelektropech' (Northwestern In-
 dustrial Electric Furnace) Trust has designed a sewing machine for making
 plastic raincoats. In place of the needle, there are two little rollers
 through which a seam passes and is welded at the rate of 3 meters per minute.
 The new machine is connected to the regular circuit and consumes no more cur-
 rent than an ordinary sewing machine.

TURNS OUT HIGH-QUALITY LOOMS -- Zarya Vostoka, No 23, 2 Feb 50

The Machine-Building Plant imeni 26 komissarov in Tbilisi has started
 production of high-quality looms.

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PRODUCES STEAM PRESSES, WARP MACHINES -- Kommunist, No 72, 25 Mar 50

The Yerevan Armtekstil'detal' Plant has begun production of automatic steam pressing machines for clothing factories.

The plant is about to begin production of a warp machine for the silk-weaving factories.

It has already begun production of drive mechanisms for sewing machines, a large quantity of which has been ordered by Glavshveypprom (Main Administration of the Sewing Industry).

MAKES NEW MACHINE FOR WEAVING FISHING NETS -- Izvestiya, No 74, 28 Mar 50

Before the war, fishing nets used to be made at the Reshetikha Factory on machines which had been imported from France. These were difficult to operate and subject to frequent breakdowns. When A. P. Pavlovich, formerly a mechanic at this factory, became its director, he decided to build one of his own. Together with N. I. Karpov, chief mechanic, he designed a machine which eliminated all the shortcomings of the French machine.

When a thread breaks on the new machine, it is no longer necessary to halt its operation; it is enough to switch off one of its units. When one of the little hooks which make the knots is broken, it is no longer necessary to remove the entire hackle to repair it. In the new machine each hook can be replaced individually in 5 minutes. The new model is twice as productive as the old one.

Net-weaving machines are now produced in the repair shops of the Reshetikha Factory. Preparations are under way to produce them also at the Kasimov Factory.

It used to take a worker more than 2 years to learn to operate the French machine; it takes only 2 weeks to master the Soviet model.

NEW ITEMS DUE IN APRIL -- Krasnaya Zvezda, No 75, 29 Mar 50

The Kolonna Textile-Machine Building Plant has completed its 5-year plan for commercial output and variety of types. By 22 April it is to complete its plan for the first 4 months, to increase productivity of labor 2 percent above plan, and to put out in April new types of machines and items for the textile industry.

DESIGNS NEW TEXTILE MACHINE -- Vechernyaya Moskva, No 79, 3 Apr 50

The Krasnaya Presnya Machine-Building Plant has pledged to complete its 4-month plan by 25 April, and to produce by the end of the month six single-hackling machines, 10 grinding machines, and spare parts for textile machines amounting to 200,000 rubles' worth above the plan. The design bureau has promised to release working plans for a new textile machine.

NEW MACHINE MAKES LEATHER SUBSTITUTE -- Vechernyaya Moskva, No 66, 18 Mar 50

The Moscow Machinery Plant imeni 1 May has put out the first sample of a machine for the production of "vorsit," a soft leather substitute. The machine consists of seven independent units, which carry out all the operations involved, including chemical processing, dyeing, and drying. Its capacity is 300 linear meters per hour.

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PRODUCES NEW SHOE-MACHINE -- Bakinskiy Rabochiy, No 65, 31 Mar 50

The OM-2 shoe-stretching machine has proved successful at the Leningrad Skorokhod Shoe Plant. It was designed by an engineer and a machinist of the Plant imeni Engel's, in collaboration with a shoemaker to whom the first new machine was given.

Four OM-2 machines perform the work of five machines of the earlier type, although labor consumption is 10 percent less. They are lighter in weight, and 80 parts have been eliminated.

The Plant imeni Engel's has produced the first large-series OM-2 for plants throughout the country.

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